Form PTO 1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	DOCKET NO. 9528-007-27 DIV	SERIAL NO. 10/609,385
	APPLICANT Stephen W. DOWNING	
LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)	FILING DATE July 1, 2003	GROUP ART UNIT

U.S. PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
VN	AA	5,797,933	08/1998	SNOW et al.			
	AB	6,297,322	09/2001	ZHU et al.			
	AC	6,231,587	05/2001	Joshua MAKOWER			
	AD	5,957,949	09/1999	LEONHARDT et al.			
	AE	5,591,195	1/1997	TAHERI et al.			
	AF	4,000,739	1/1977	Robert C. STEVENS			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	TRANSLATION NO
	AG					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

VN	AH	Cohn, L.H., et al., "Mechanical and Bioprosthetic Mitral Valve Replacement", Cardiac Surgery in the Adult, McGraw-Hill, Health Professions Division, 34, 1025-1050 (1997).	
	AI	Cosgrove III, D.M., et al., "Minimally Invasive Valve Operations", Ann. Thorac. Surg., 65, 1535-1539 (1998).	
	AJ	Navia, J.L., et al., "Minimally Invasive Mitral Valve Operations", Ann. Thorac. Surg., 62, 1542-1544 (1996).	
	AK	Aklog, L. et al., "Techniques and Results of Direct-Access Minimally Invasive Mitral Valve Surgery: A Paradigm for the Future", Journal of Thoracic and Cardiovascular Surgery, 705-715 (1998).	
	AL	Cohn, L.H., et al., "Minimally Invasive Cardiac Valve Surgery Improves Patient Satisfaction While Reducing Costs of Cardiac Valve Replacement and Repair", Annals of Surgery, 226, 4, 421-428 (1997).	
	AM	Loulmet, D.F., et al., "Less Invasive Techniques for Mitral Valve Surgery", Journal of Thoracic and Cardiovascular Surgery, 115, 772-779 (1998).	
	AN	Mohr, F.W., et al., "Minimally Invasive Port-Access Mitral Valve Surgery", Journal of Thoracic and Cardiovascular Surgery, 115, 567-576 (1998).	
	AO	Chitwood, Jr., W.R., et al., "Video-Assisted Minimally Invasive Mitral Valve Surgery: The "Micro-Mitral" Operation", Journal of Thoracic and Cardiovascular Surgery, 113, 2, 413-414 (1997).	
	AP	Gundry, S.R., et al., "Facile Minimally Invasive Cardiac Surgery via Ministernotomy", Ann. Thorac. Surg., 65, 1100-1104 (1998).	

EXAMINER VN	DATE CONSIDERED 1/12/07

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
VN		AQ	Downing, S.W., et al., "Release of Vasoactive Substances During Cardiopulmonary Bypass", Ann. Thorac. Surg., 54, 1236-1243 (1992).
		AR	Westaby, S., et al., "Less Invasive Coronary Surgery: Consensus From the Oxford Meeting", Ann. Thorac. Surg., 62, 924-931 (1996).
		AS	Siminelakis, S., et al., "A Study of the Effects of Extracorporeal Circulation on the Immunologic System of Humans", Journal of Cardiothoracic and Vascular Anesthesis, 10, 7, 893-898 (1996).
		AT	Gill, R., et al., "Neuropsychologic Dysfunction After Cardiac Surgery: What Is the Problem?", Journal of Cardiothoracic and Vascular Anesthesis, 10, 1, 91-98 (1996).
		AU	Taylor, K., "Brain Damage During Cardiopulmonary Bypass", Ann. Thorac. Surg., 65, 20-26 (1998).
		AV	Taylor, K.M., "Central Nervous System Effects of Cardiopulmonary Bypass", Ann. Thorac. Surg., 66, 20-24 (1998).
		AW	Roach, G.W., et al., "Adverse Cerebral Outcomes After Coronary Bypass Surgery", New England Journal of Medicine, 335, 25, 1857-1863 (1996).
		AX	Jansen, E.W., et al., "Less Invasive Off-Pump CABG Using a Suction Device for Immobilization: the 'Octopus' Method", European Journal of Cardio-thoracic Surgery, 12, 3, 406-412 (1997).
		AY	Takuma, S., et al., "Evaluation of Mitral Valve Disease Using Transesophageal Echocardiography", Seminars in Thoracic and Cardiovascular Surgery, 10, 4, 247-254 (1998).
		AZ	Daniel, W.G., et al., "Transesophageal Echocardiography", New England Journal of Medicine, 332, 1268-1279 (1995).
		BA	Foster, G.P., et al., "Accurate Localization of Mitral Regurgitant Defects Using Multiplane Transesophageal Echocardiography", Ann. Thorac. Surg., 65, 1025-1031 (1998).
		BB	Takuma, S., et al., "Real-Time, 3-Dimensional Echocardiography Acquires All Standard 2-Dimensional Images From 2 Volume Sets: A Clinical Demonstration in 45 Patients", Journal of the American Society of Echocardiography, 12, 1, 1-6 (1999).
		BC	Umaña, J.P., et al., "'Bow-Tie' Mitral Valve Repair: An Adjuvant Technique for Ischemic Mitral Regurgitation", Ann. Thorac. Surg., 66, 1640-1646 (1998).
		BD	Morales, D.L.S., et al., "Development of an Off Bypass Mitral Valve Repair", Heart Surgery Forum, 2 (2), 115-120 (1999).
		BE	St. Jude Medical Corporation, 1998: Personal Communication.
		BF	Baldwin, J.C., "Surgery for Acquired Heart Disease, Editorial (Con) Re Minimally Invasive Port-Access Mitral Valve Surgery", Journal of Thoracic and Cardiovascular Surgery, 115, 563-564 (1998).

EXAMINER	VN	1/12/07

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
VV	BG	Buckberg, G.D., et al., "Integrated Myocardial Management: Background and Initial Application", Journal Card. Surg., 10, 68-89 (1995).
	BH	Kirklin, J.W., "Myocardial Management During Cardiac Surgery With Cardiopulmonary Bypass", Cardiac Surgery, 3, 129-165 (1993).
	BI	Gorman, R.C., et al., "Cardiopulmonary Bypass, Myocardial Management, and Support Techniques, Surface-Bound Heparin Fails to Reduce Thrombin Formation During Clinical Cardiopulmonary Bypass", Journal of Thoracic and Cardiovascular Surgery, 111, 1, 1-12 (1996).
	BJ	Edmunds, Jr., L.H., "Blood-Surface Interactions During Cardiopulmonary Bypass", Journal Card. Surg., 8, 404-410 (1993).
	BK	Chung, J.H., et al., "Pericardial Blood Activates the Extrinsic Coagulation Pathway During Clinical Cardiopulmonary Bypass", Circulation, 93, 11, 2014-2018 (1996).
	BL	Edmunds, Jr., L.H., "Why Cardiopulmonary Bypass Makes Patients Sick: Strategies to Control the Blood-Synthetic Surface Interface", Advances in Cardiac Surgery, 6, 131-167 (1995).
	BM	Edmunds, Jr., L.H., "Inflammatory Response to Cardiopulmonary Bypass", Ann. Thorac. Surg., 66, S12-S16 (1998).
	BN	
	BO	
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PTO/SB/08a (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known	
Application Number	10/609,385
Filing Date	July 1, 2003
First Named Inventor	DOWNING, STEPHEN W.
Art Unit	3763
Examiner Name	
Attorney Docket Number	UOMB-001DIV

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
VN		US- 2002/0013621	01/31/2002	STOBIE et al.	
		US- 2002/0095167	07/18/2002	LIDDICOAT et al.	
		US- 2002/0138044	09/26/2002	STREETER et al.	
		US- 2003/0018358	01/23/2003	SAADAT	
		US- 4,164,943	08/21/1979	HILL et al.	
		US- 4,281,659	08/04/1981	FARRAR et al.	
		US- 5,312,355	05/17/1994	LEE	
		US- 5,332,398	07/26/1994	MILLER et al.	
		US- 5,571,215	11/05/1996	STERMAN et al.	
		US- 6,228,052	05/08/2001	POHNDORF	
		US- 6,260,552	07/17/2001	MORTIER et al.	
		US- 6,702,826	03/09/2004	LIDDICOAT et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]–Number[4]–Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

Examiner Signature	VN	Date Considered	1/12/07

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